

Docket No.: N9450.0032/P032  
(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:  
Shinichi Wakui, et al.

Application No.: Not Yet Assigned

Group Art Unit: N/A

Filed: Herewith

Examiner: Not Yet Assigned

For: ROTOR AND ROTATING ELECTRICAL  
MACHINE WITH EMBEDDED  
PERMANENT MAGNET

#4/Pre-A  
Hawkins  
11-6-01

PRELIMINARY AMENDMENT

Commissioner for Patents  
Washington, DC 20231

Dear Sir:

Preliminary to examination, please amend the above-referenced application as follows:

IN THE SPECIFICATION:

Rewrite the paragraph at page 4, line 4, as follows:

*a!*  
Figs. 3(a) through 3(c) are graphs representing the calculated value of cogging torque, torque pulsation and mean torque according to the present invention;

IN THE CLAIMS:

Rewrite claims 4, 5, 6, 7, 8 and 9 as follows:

*a2*  
4. (Amended) A rotor with embedded permanent magnets according to Claim 3 characterized in that, when the radial distance between the outer periphery of said magnetic